## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|  | חו אוו  |  |   |   |  |   |   |                                    |
|--|---|--|---|---|--|---|---|------------------------------------|
| •In re a   | application of:   |  |   |   |  |   |   | 0                                  |
| SUVO   | shi YAMAMOTO and Toshil   | niko HIROSHIMA   |   |   |  |   |   | Ļίο                                |
| -Corial  | No: Not assigned  |  |   |   |  |   |   | ڔٙؠٙؾ                              |
| diled:   |   |  |   |   |  |   |   | <u>s.</u> 4                        |
| •  |   |  |   | D # 4 DI-   |  |   |   | 03917 U.S                          |
| For:   | Tilt Control Method and   | apparatus for Optic  | ai Disc   | Recording and Pla   | ураск  |   |   | ~<br>9                             |
| Appar  | alus  |  |   |   |  |   |   | 20                                 |
|  | Stop PATENT APPLICATION   | }  |   |   |  |   | *   |                                    |
|  | nissioner for Patents   |  |   |   |  |   |   |                                    |
|  | 3ox 1450  |  |   |   |  |   |   |                                    |
| Alexar   | ndria, VA 22313-1450  |  |   |   |  |   |   |                                    |
| Dear S   | Sir:  |  |   |   |  |   |   |                                    |
| CORR   | RESPONDENCE ADDRESS   | : [  | ☑ Custo   | mer Number 000026   | 1021   |   |   |                                    |
|  |   |  |   | 000020  | 021  |   |   |                                    |
| T  | mitted beautiful for filler to th   |  | : -1 4147.  | - d - b   |  |   |   |                                    |
|  | mitted herewith for filing is the   |  |   |   |  |   |   |                                    |
|  | 2 sheet(s) of drawings (  |  |   |   |  |   |   |                                    |
|  | 20 page(s) of specification   |  |   |   |  |   | .lla  |                                    |
|  | n assignment of the invention   |  |   |   | nciosed L  | will to   | DIIOW.  |                                    |
|  | n associate power of attorne  |  |   | low.  |  |   |   |                                    |
|  | pplicant claims small entity  | itatus. See 37 CFR 1   | 1.27.   |   |  |   |   |                                    |
|  | eclaration and Power of Atto  |  |   |   |  |   |   |                                    |
|  | certified copy of <u>Japanes</u>  |  | ո No  | 2002-362233 file  | d <u>Decer</u>   | <u>nber 13</u>  | <u>, 2002</u> from  | n which priority                   |
|  | claimed under 35 U.S.C. §   |  |   |   |  |   |   |                                    |
|  | DS enclosed ( with 2 r  |  |   |   |  |   |   |                                    |
| =  | reliminary Amendment is en  |  |   |   |  |   |   |                                    |
|  | pplication data sheet is encl   | osed. See 37 CFR 1   | .76.  |   |  |   |   |                                    |
| <u>⊠ R</u>   | leturn postcard is enclosed.  |  |   |   |  |   |   |                                    |
|  |   |  | CULAT   | ION OF FEES   | 1  |   | T   |                                    |
|  | ITEM  | TOTAL NO. OF CLAIMS  |   | NO. OF CLAIMS<br>OVER BASE  | LG/S   |   | \$ AMOUNT   | \$ FEE                             |
| A  | TOTAL CLAIMS FE E   | 12   | -20   | 0   | LG=\$18  | \$18  | \$ 0  |                                    |
| 1  | TOTAL CLANWSTE E  | 12   | -20   |   | SM=\$9   | \$10  | * 0   |                                    |
| В  |   | 6  | -3  | _   | LG=\$86  | 000   | ł   |                                    |
| <u> </u>   | INDEPENDENT CLAIMS FEE*   | 1  | -3  | 3   | CM-CA2   | \$86  | 258   |                                    |
| l C  |   | L  |   |   | SM=\$43  | \$86  | 258   | 258                                |
| С  | SUBTOTAL - ADDITIONAL CLAI  | MS FEE (ADD FINAL COLU   |   |   |  |   | I   | 258                                |
| C<br>D   |   | MS FEE (ADD FINAL COLU   |   |   | LAR<br>SM/   | GE ENTI   | TY FEE = \$290<br>TY FEE = \$145  | 258<br>\$ 0                        |
|  | SUBTOTAL - ADDITIONAL CLAI  | MS FEE (ADD FINAL COLU   |   |   | LAR<br>SM/<br>LAR  | GE ENTI   | TY FEE = \$290 TY FEE = \$145 TY FEE = \$770  | ******                             |
| D<br>E   | SUBTOTAL - ADDITIONAL CLAIM MULTIPLE-DEPENDENT CLAIM BASIC FEE  | I<br>MS FEE (ADD FINAL COLU<br>S FEE   | L L   |   | LAR<br>SM/<br>LAR  | GE ENTI   | TY FEE = \$290<br>TY FEE = \$145  | \$ 0<br>\$ 770                     |
| D<br>E<br>F  | SUBTOTAL - ADDITIONAL CLAIM MULTIPLE-DEPENDENT CLAIM BASIC FEE TOTAL FILING FEE (ADD TOTAL  | I<br>MS FEE (ADD FINAL COLU<br>S FEE<br>.S FOR LINES C, D, AND E   | L L   |   | LAR<br>SM/<br>LAR  | GE ENTI   | TY FEE = \$290<br>TY FEE = \$145<br>TY FEE = \$770<br>TY FEE = \$385                                      | \$ 0<br>\$ 770<br>\$ 1028          |
| D<br>E   | SUBTOTAL - ADDITIONAL CLAIM MULTIPLE-DEPENDENT CLAIM BASIC FEE TOTAL FILING FEE (ADD TOTAL ASSIGNMENT RECORDING FEE   | I<br>MS FEE (ADD FINAL COLU<br>S FEE<br>.S FOR LINES C, D, AND E   | L L   |   | LAR<br>SM/<br>LAR  | GE ENTI   | TY FEE = \$290 TY FEE = \$145 TY FEE = \$770  | \$ 0<br>\$ 770                     |
| D<br>E<br>F<br>G                                   | SUBTOTAL - ADDITIONAL CLAIM MULTIPLE-DEPENDENT CLAIM BASIC FEE TOTAL FILING FEE (ADD TOTAL ASSIGNMENT RECORDING FEE *LIST INDEPENDENT CLAIMS  | MS FEE (ADD FINAL COLU<br>S FEE<br>S FOR LINES C, D, AND E<br>1, 3, 5, 7, 9, and 11.   | UMN IN I  | LINES A + B)  | LAR<br>SM/<br>LAR<br>SM/   | GE ENTI<br>ALL ENTI<br>GE ENTI<br>ALL ENTI  | TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385   | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| D<br>E<br>F<br>G                                   | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Ac                             | AS FEE (ADD FINAL COLUMN FEE (ADD FINAL COLU | E)  | LINES A + B)  unt of \$ 1028.00   | LAR<br>SM/<br>LAR<br>SM/   | GE ENTI<br>ALL ENTI<br>GE ENTI<br>ALL ENTI  | TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385   | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| E<br>F<br>G  | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Acc  check in the amount of \$ | S FEE (ADD FINAL COLU<br>S FEE  S FOR LINES C, D, AND B  1, 3, 5, 7, 9, and 11.  count No. 50-1314 th  to cover the filing the   | E) ne amo   | unt of \$ 1028.00 enclosed.   | LAR<br>SM<br>LAR<br>SM   | GE ENTITALL | TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385   | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| E<br>F<br>G  | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Ac  check in the amount of \$  | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e                               | unt of \$ 1028.00 enclosed. t Recordation fee is  | LAR<br>SM<br>LAR<br>SM   | GE ENTI' ALL ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385 \$40  Letter is enclo                         | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| E<br>F<br>G<br>P<br>A<br>A                         | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Ac  check in the amount of \$  | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e gnment any de                 | unt of \$1028.00 enclosed. t Recordation fee is efficiency for the follo  | LAR<br>SM<br>LAR<br>SM<br>A copy<br>enclosed<br>wing fees  | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| E<br>F<br>G<br>P<br>A<br>A                         | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is conment any de                  | unt of \$1028.00<br>enclosed.<br>t Recordation fee is<br>eficiency for the follocount No. 50-1314.                                    | LAR<br>SM<br>LAR<br>SM<br>A copy<br>enclosed<br>wing fees  | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| E F G A A TI                                       | SUBTOTAL - ADDITIONAL CLAIM MULTIPLE-DEPENDENT CLAIM BASIC FEE TOTAL FILING FEE (ADD TOTAL ASSIGNMENT RECORDING FEE *LIST INDEPENDENT CLAIMS lease charge my Deposit Ac check in the amount of \$         | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$1028.00<br>enclosed.<br>t Recordation fee is<br>eficiency for the follocount No. 50-1314.                                    | LAR<br>SM<br>LAR<br>SM<br>A copy<br>enclosed<br>wing fees  | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| F<br>G<br>A<br>A<br>X<br>TI                        | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$\frac{1028.00}{2000} enclosed. t Recordation fee is efficiency for the followout No. 50-1314. 16 .R. 1.17                    | LAR SM/ LAR SM/ SM/ A copy enclosed wing fees A copy o   | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| F<br>G<br>A<br>A<br>X<br>TI                        | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$1028.00 enclosed. t Recordation fee is eficiency for the followant No. 50-1314. 16 .R. 1.17 Respectfylly sub                 | LAR SM LAR SM  | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| F<br>G<br>A<br>A<br>X<br>TI                        | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$\frac{1028.00}{2000} enclosed. t Recordation fee is efficiency for the followout No. 50-1314. 16 .R. 1.17                    | LAR SM LAR SM  | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| D E F G P A A TI CC                                | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$ 1028.00 enclosed. t Recordation fee is efficiency for the followout No. 50-1314. 16 .R. 1.17 Respectfully sub HOGAN & HAB   | LAR SM LAR SM  | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| D E F G P A A TI CC                                | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLUMN FEE (ADD FINAL COLUM | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$ 1028.00 enclosed. t Recordation fee is efficiency for the follocount No. 50-1314. 16 .R. 1.17  Respectfylly sub HOGAN & HAP | LAR SM/ LAR SM/ LAR SM/ - A copy enclosed wing fees A copy o   | GE ENTI' ALL ENTI' ALL ENTI' of this  | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
| D E F G A A X TI X X X X X X X X X X X X X X X X X | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLU<br>S FEE  S FOR LINES C, D, AND B  1, 3, 5, 7, 9, and 11.  count No. 50-1314 th  1 to cover the filing b  10.00 to cover Assignathorized to charge overpayment to Deporequired under 37 C. occessing fees under 19.  | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$ 1028.00 enclosed. t Recordation fee is efficiency for the followout No. 50-1314. 16 .R. 1.17  Respectfylly sub HOGAN & HAP  | LAR SM/ LAR SM/ LAR SM/ - A copy enclosed wing fees A copy o   | GE ENTI   | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
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| Date:  | SUBTOTAL - ADDITIONAL CLAIM  MULTIPLE-DEPENDENT CLAIM  BASIC FEE  TOTAL FILING FEE (ADD TOTAL  ASSIGNMENT RECORDING FEE  *LIST INDEPENDENT CLAIMS  lease charge my Deposit Act  check in the amount of \$ | S FEE (ADD FINAL COLU<br>S FEE  S FOR LINES C, D, AND B  1, 3, 5, 7, 9, and 11.  count No. 50-1314 th  1 to cover the filing b  10.00 to cover Assignathorized to charge overpayment to Deporequired under 37 C. occessing fees under 19.  | E)  ne amo fee is e gnment any de sit Acc F.R. 1. | unt of \$ 1028.00 enclosed. t Recordation fee is efficiency for the followout No. 50-1314. 16 .R. 1.17  Respectfylly sub HOGAN & HAP  | LAR SM/LAR SM/LA | GE ENTITALL | TY FEE = \$290   TY FEE = \$145   TY FEE = \$1770   TY FEE = \$385   \$40   Letter is encloated with this | \$ 0<br>\$ 770<br>\$ 1028<br>\$ 40 |
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\\\LA - 72761/0300 - 185144 v1

Attorney Docket No: 81784.0288

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re applica          | ation of:  | Art Unit:  | Not assigned |  |  |  |  |
|------------------------|--|------------|--------------|--|--|--|--|
| Tsuyoshi Y             | AMAMOTO et al.   | Examiner:  | Not assigned |  |  |  |  |
| Serial No:             | Not assigned   |            |              |  |  |  |  |
| Filed: Oct             | ober 30, 2003  |            |              |  |  |  |  |
|                        | Control Method and Apparatus for Optical Disc<br>ording and Playback Apparatus   |            |              |  |  |  |  |
|                        | CERTIFICATE OF MAILING VIA U.S. EXI<br>"Express Mail" Mailing Label No. EV 324<br>Date of Deposit: October 30, 20          | 110 879 US |              |  |  |  |  |
| Commission P.O. Box 14 | ATENT APPLICATION<br>ner for Patents<br>50<br>VA 22313-1450  |            | ,            |  |  |  |  |
| Dear Sir:              |  |            |              |  |  |  |  |
| l he                   | reby certify that  |            |              |  |  |  |  |
| $\boxtimes$            |  |            |              |  |  |  |  |
| $\boxtimes$            | patent application ( <u>20</u> page(s) of specification; <u>12</u> claim(s); <u>1</u> page(s) of abstract                  |            |              |  |  |  |  |
| $\boxtimes$            | Sheet(s) of formal drawings  |            |              |  |  |  |  |
| $\boxtimes$            | executed Declaration and Power of Attorney   |            |              |  |  |  |  |
|                        | assignment of the invention to <u>SANYO ELECTRIC CO., LTD.</u>   |            |              |  |  |  |  |
|                        | certified copy of <u>Japanese</u> patent application 1 <u>December 13, 2002</u> from which priority is claime U.S.C. § 119 |            |              |  |  |  |  |
| $\boxtimes$            | Information Disclosure Statement with 2 reference  | s          |              |  |  |  |  |
| $\boxtimes$            | return postcard  |            |              |  |  |  |  |
|                        | leposited with the United States Postal Service "Exp<br>sufficient postage under 37 C.F.R. § 1.10 on the date in           |            |              |  |  |  |  |

with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are a

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Date: October 30, 2003

Reynaldo Gallardo

Name of person mailing papers

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